



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 12491941
SAU: MSAD 55
School: Sacopee Valley Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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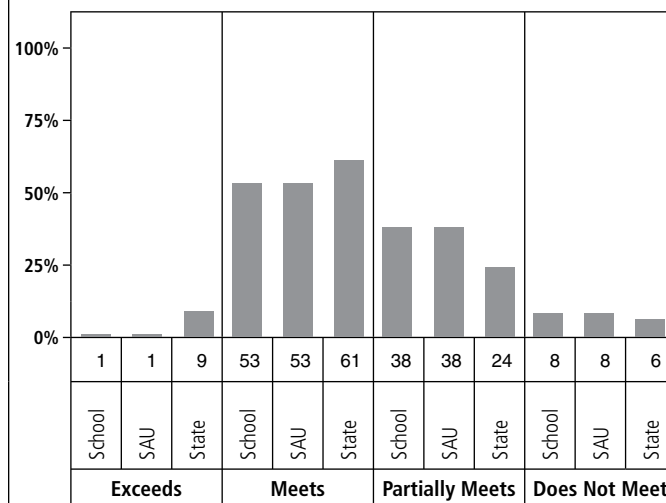
SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: MSAD 55
School: Sacopee Valley Middle School

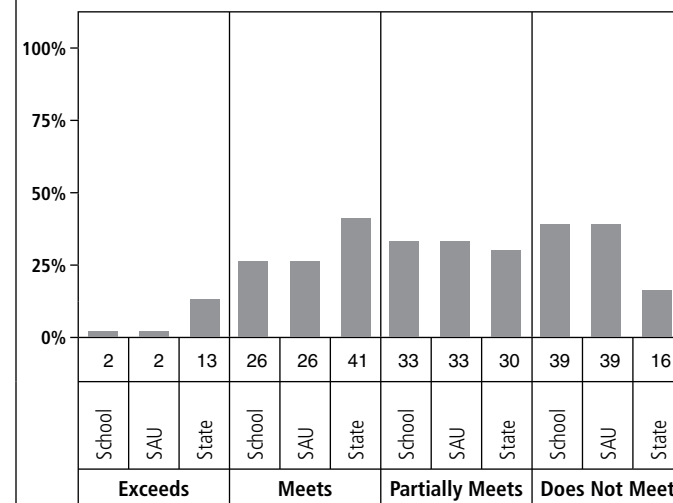
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading 2006–2007 2007–2008 2008–2009 Cum. Avg.*	 645 643	 642 645 643 643	 646 648 647 647
Mathematics 2006–2007 2007–2008 2008–2009 Cum. Avg.*	 636 633	 639 636 633 636	 643 642 643 643

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: MSAD 55
School: Sacopee Valley Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						School		SAU		State	
	n %		n %		n %		n %		n %		n %		n %		n %		n %		n %		n %		n %	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	102	100	102	100	14251	100	98	96	98	96	14150	99	98	96	98	96	14156	100						
Ethnicity African American/Black	2	2	2	2	421	3	2	100	2	100	412	98	2	100	2	100	415	99						
American Indian or Native Alaskan	0	0	0	0	128	1	0	0	0	0	127	99	0	0	0	0	128	100						
Asian or Pacific Islander	1	1	1	1	212	1	1	100	1	100	210	99	1	100	1	100	212	100						
Hispanic	1	1	1	1	181	1	1	100	1	100	177	98	1	100	1	100	178	99						
Caucasian/White	98	96	98	96	13309	93	94	96	94	96	13224	100	94	96	94	96	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	22	22	22	22	2468	17	22	100	22	100	2423	99	22	100	22	100	2426	99						
Current LEP	0	0	0	0	341	2	0	0	0	0	330	97	0	0	0	0	338	99						
Economically disadvantaged	54	53	54	53	5780	41	53	98	53	98	5724	99	53	98	53	98	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n %		n %		n %		n %		n %		n %		n %		n %		n %	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	68	67	68	67	11369	80	64	63	64	63	11373	80						
Identified disability (PET/IEP)	2	3	2	3	355	3	2	3	2	3	371	3						
LEP	0	0	0	0	167	1	0	0	0	0	170	1						
504 plan	3	4	3	4	172	2	3	5	3	5	175	2						
Participation with accommodations	29	28	29	28	2594	18	33	32	33	32	2605	18						
Identified disability (PET/IEP)	19	66	19	66	1881	73	19	58	19	58	1877	72						
LEP	0	0	0	0	155	6	0	0	0	0	161	6						
504 plan	1	3	1	3	74	3	1	3	1	3	71	3						
Other	10	34	10	34	519	20	14	42	14	42	532	20						
Participation through alternate assessment (PAAP)	1	1	1	1	187	1	1	1	1	1	178	1						
Identified disability (PET/IEP)	1	100	1	100	187	100	1	100	1	100	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	26	0	0	0	0	0	25	0						
Non-participation – other	4	4	4	4	75	1	4	4	4	4	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 55
School: Sacopee Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007			2	2	1132	8
	2007-2008	4	4	4	4	1817	13
	2008-2009	1	1	1	1	1309	9
	Cum. Total*			7	2	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007			46	47	8127	57
	2007-2008	55	56	55	56	8072	57
	2008-2009	51	53	51	53	8564	61
	Cum. Total*			152	52	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007			38	39	3549	25
	2007-2008	32	32	32	32	3194	23
	2008-2009	37	38	37	38	3291	24
	Cum. Total*			107	37	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007			11	11	1478	10
	2007-2008	8	8	8	8	981	7
	2008-2009	8	8	8	8	799	6
	Cum. Total*			27	9	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	30.3	54.1	30.3	54.1	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	10.7	53.5	10.7	53.5	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	19.6	54.4	19.6	54.4	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 55
 School: Sacopee Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	97	1	1	51	53	37	38	8	8	643	97	1	53	38	8	643	13963	9	61	24	6	647
Ethnicity																						
African American/Black	2										2						403	5	46	34	15	641
American Indian or Native Alaskan	0										0						125	4	49	38	10	642
Asian or Pacific Islander	1										1						206	18	56	20	6	649
Hispanic	1										1						174	5	55	33	7	644
Caucasian/White	93	1	1	49	53	35	38	8	9	643	93	1	53	38	9	643	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	21	0	0	7	33	12	57	2	10	638	21	0	33	57	10	638	2236	1	30	48	22	637
No	76	1	1	44	58	25	33	6	8	645	76	1	58	33	8	645	11727	11	67	19	3	649
Current LEP																						
Yes	0										0						322	2	39	37	21	638
No	97	1	1	51	53	37	38	8	8	643	97	1	53	38	8	643	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	52	0	0	26	50	24	46	2	4	642	52	0	50	46	4	642	5617	4	54	33	9	643
No	45	1	2	25	56	13	29	6	13	644	45	2	56	29	13	644	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	97	1	1	51	53	37	38	8	8	643	97	1	53	38	8	643	13959	9	61	24	6	647
Gender																						
Female	42	1	2	26	62	11	26	4	10	645	42	2	62	26	10	645	6743	13	63	20	4	649
Male	55	0	0	25	45	26	47	4	7	642	55	0	45	47	7	642	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	13	0	0	1	8	6	46	6	46	633	13	0	8	46	46	633	1408	4	41	43	12	641
No	84	1	1	50	60	31	37	2	2	645	84	1	60	37	2	645	12555	10	64	21	5	648
Gifted/talented program																						
Yes	1										1						636	39	59	2	0	659
No	96	1	1	50	52	37	39	8	8	643	96	1	52	39	8	643	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 55
School: Sacopee Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	0	0	3	30	6	60	1	10	637	10	0	30	60	10	637	6	5	47	32	16	642
B. less than one hour	48	0	0	20	43	21	46	5	11	642	48	0	43	46	11	642	59	9	62	24	5	647
C. one to two hours	40	1	3	27	71	8	21	2	5	646	40	3	71	21	5	646	32	11	64	21	4	648
D. more than two hours	2	0	0	1	50	1	50	0	0	641	2	0	50	50	0	641	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	26	1	4	18	75	5	21	0	0	650	26	4	75	21	0	650	31	17	66	14	3	651
B. good	41	0	0	20	51	16	41	3	8	642	41	0	51	41	8	642	48	8	64	23	5	647
C. fair	32	0	0	12	40	13	43	5	17	639	32	0	40	43	17	639	18	2	48	40	10	641
D. poor	1	0	0	0	0	1	100	0	0	640	1	0	0	100	0	640	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	25	0	0	16	67	8	33	0	0	646	25	0	67	33	0	646	38	13	65	18	3	650
B. They match some of what I have learned.	56	1	2	31	57	19	35	3	6	644	56	2	57	35	6	644	49	8	63	24	5	647
C. They match just a little of what I have learned.	15	0	0	3	21	7	50	4	29	636	15	0	21	50	29	636	10	5	48	36	11	642
D. There is no match.	4	0	0	1	25	2	50	1	25	637	4	0	25	50	25	637	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	15	0	0	5	36	8	57	1	7	640	15	0	36	57	7	640	16	7	52	30	11	644
B. about the same as my regular schoolwork	61	1	2	30	54	19	34	6	11	644	61	2	54	34	11	644	66	10	64	22	4	648
C. easier than my regular schoolwork	24	0	0	14	64	7	32	1	5	644	24	0	64	32	5	644	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	10	0	0	4	44	5	56	0	0	644	10	0	44	56	0	644	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	53	0	0	24	49	22	45	3	6	642	53	0	49	45	6	642	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	38	1	3	21	60	8	23	5	14	644	38	3	60	23	14	644	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	42	1	3	20	50	15	38	4	10	643	42	3	50	38	10	643	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	54	0	0	27	53	20	39	4	8	643	54	0	53	39	8	643	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	4	100	0	0	0	0	648	4	0	100	0	0	648	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	16	1	7	7	47	7	47	0	0	646	16	7	47	47	0	646	23	15	65	16	4	650
B. 20 minutes to an hour	57	0	0	30	56	18	33	6	11	644	57	0	56	33	11	644	49	10	64	22	4	648
C. less than 20 minutes	8	0	0	4	50	3	38	1	13	640	8	0	50	38	13	640	11	6	58	29	7	645
D. I rarely read at home.	19	0	0	9	50	8	44	1	6	640	19	0	50	44	6	640	17	2	51	36	11	642
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 55
School: Sacopee Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007			4	4	2092	15
	2007-2008	0	0	0	0	1474	10
	2008-2009	2	2	2	2	1807	13
	Cum. Total*			6	2	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007			39	40	5731	40
	2007-2008	40	40	40	40	6008	43
	2008-2009	25	26	25	26	5662	41
	Cum. Total*			104	35	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007			36	37	4175	29
	2007-2008	34	34	34	34	4244	30
	2008-2009	32	33	32	33	4219	30
	Cum. Total*			102	35	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007			18	19	2308	16
	2007-2008	25	25	25	25	2346	17
	2008-2009	38	39	38	39	2290	16
	Cum. Total*			81	28	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	23.6	42.1	23.6	42.1	30.6	54.6
A. Number	18	32	7.6	42.2	7.6	42.2	10.3	57.2
B. Data	12	21	4.7	39.2	4.7	39.2	6.6	55.0
C. Geometry	14	25	6.3	45.0	6.3	45.0	7.3	52.1
D. Algebra	12	21	5.0	41.7	5.0	41.7	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 55
 School: Sacopee Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	97	2	2	25	26	32	33	38	39	633	97	2	26	33	39	633	13978	13	41	30	16	643
Ethnicity																						
African American/Black	2										2						406	4	26	36	34	633
American Indian or Native Alaskan	0										0						126	4	29	40	28	635
Asian or Pacific Islander	1										1						208	18	47	23	12	647
Hispanic	1										1						175	5	31	41	23	638
Caucasian/White	93	2	2	24	26	31	33	36	39	633	93	2	26	33	39	633	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	21	1	5	3	14	3	14	14	67	625	21	5	14	14	67	625	2248	3	18	33	46	629
No	76	1	1	22	29	29	38	24	32	635	76	1	29	38	32	635	11730	15	45	30	11	646
Current LEP																						
Yes	0										0						331	3	22	35	40	631
No	97	2	2	25	26	32	33	38	39	633	97	2	26	33	39	633	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	52	2	4	11	21	21	40	18	35	633	52	4	21	40	35	633	5620	6	33	37	25	637
No	45	0	0	14	31	11	24	20	44	632	45	0	31	24	44	632	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	97	2	2	25	26	32	33	38	39	633	97	2	26	33	39	633	13974	13	41	30	16	643
Gender																						
Female	42	0	0	11	26	15	36	16	38	632	42	0	26	36	38	632	6738	12	40	32	16	642
Male	55	2	4	14	25	17	31	22	40	633	55	4	25	31	40	633	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	13	0	0	0	0	1	8	12	92	617	13	0	0	8	92	617	1410	3	24	41	32	634
No	84	2	2	25	30	31	37	26	31	635	84	2	30	37	31	635	12568	14	42	29	15	644
Gifted/talented program																						
Yes	1										1						637	65	32	3	0	665
No	96	2	2	24	25	32	33	38	40	632	96	2	25	33	40	632	13341	10	41	31	17	642

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 55
School: Sacopee Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	1	10	1	10	1	10	7	70	622	10	10	10	10	70	622	6	7	32	28	32	636
B. less than one hour	48	1	2	7	15	21	46	17	37	632	48	2	15	46	37	632	59	13	41	30	16	643
C. one to two hours	40	0	0	17	45	10	26	11	29	637	40	0	45	26	29	637	32	14	41	31	14	644
D. more than two hours	2	0	0	0	0	0	0	2	100	618	2	0	0	0	100	618	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	30	2	7	9	31	10	34	8	28	637	30	7	31	34	28	637	30	27	45	18	9	651
B. good	47	0	0	14	31	15	33	16	36	633	47	0	31	33	36	633	46	9	45	31	15	643
C. fair	18	0	0	2	12	5	29	10	59	627	18	0	12	29	59	627	20	2	29	43	26	635
D. poor	5	0	0	0	0	2	40	3	60	619	5	0	0	40	60	619	4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	22	0	0	9	43	7	33	5	24	637	22	0	43	33	24	637	35	18	42	27	13	646
B. They match some of what I have learned.	55	2	4	12	23	16	31	22	42	632	55	4	23	31	42	632	50	11	43	31	15	643
C. They match just a little of what I have learned.	17	0	0	3	19	6	38	7	44	632	17	0	19	38	44	632	13	8	31	36	26	638
D. There is no match.	5	0	0	1	20	1	20	3	60	624	5	0	20	20	60	624	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	44	1	2	10	24	14	33	17	40	631	44	2	24	33	40	631	32	7	40	34	20	640
B. about the same as my regular schoolwork	43	0	0	13	32	14	34	14	34	635	43	0	32	34	34	635	56	13	42	30	15	644
C. easier than my regular schoolwork	13	1	8	1	8	4	33	6	50	629	13	8	8	33	50	629	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	48	0	0	14	30	13	28	19	41	632	48	0	30	28	41	632	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	46	2	5	11	25	17	39	14	32	634	46	5	25	39	32	634	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	0	0	2	40	3	60	625	5	0	0	40	60	625	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	8	0	0	0	0	3	38	5	63	619	8	0	0	38	63	619	6	8	29	29	34	635
B. 30–45 minutes	29	0	0	8	29	7	25	13	46	632	29	0	29	25	46	632	33	10	37	34	19	641
C. 45–60 minutes	56	2	4	15	28	21	39	16	30	635	56	4	28	39	30	635	45	15	44	29	12	645
D. more than 60 minutes	6	0	0	2	33	1	17	3	50	630	6	0	33	17	50	630	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	2	0	0	0	0	1	50	1	50	624	2	0	0	50	50	624	9	14	35	29	22	641
B. two or three days a week	10	0	0	2	20	5	50	3	30	630	10	0	20	50	30	630	26	15	40	30	16	644
C. two or three times each month	41	0	0	12	31	10	26	17	44	633	41	0	31	26	44	633	31	13	43	30	14	644
D. never or almost never	47	2	4	11	24	16	36	16	36	633	47	4	24	36	36	633	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	20	0	0	4	21	6	32	9	47	627	20	0	21	32	47	627	17	8	35	33	24	639
B. two or three days a week	38	0	0	11	31	9	25	16	44	631	38	0	31	25	44	631	28	13	42	30	15	643
C. two or three times each month	33	2	6	8	26	13	42	8	26	638	33	6	26	42	26	638	31	15	43	30	13	645
D. never or almost never	9	0	0	2	22	3	33	4	44	632	9	0	22	33	44	632	23	14	39	30	17	643
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

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